### 2019 Structure Summary Report

**Overall Unit and Item Ratings** 

## **Butte County Department of Public Works**

## **Big Chico Creek Diversion Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

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### **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

## **Butte County Department of Public Works (cont.)**

### **Lindo Channel Control Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations Security Fencing	
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	М
	Operation & Maintenance Manual	Α

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### 2019 Structure Summary Report

**Overall Unit and Item Ratings** 

## **Butte County Department of Public Works (cont.)**

### **Lindo Channel Diversion Weir**

verall Unit Rating	Rating Rated Item			
A	Photo Documentation	N		
	Vegetation & Obstructions	Α		
	Shoaling / Sedimentation	Α		
	Erosion / Bank Caving	Α		
	Revetments	Α		
	Encroachments	М		
	Culverts: Inlets / Outlets	N		
	Culverts: Breaks / Holes / Cracks	N		
	Metal Pipes	N		
	Trash Racks	N		
	Flap Gates	N		
	Sluice/Slide Gates	N		
	Electric Gate Operators	N		
	Manual Gate Operators	N		
	Concrete Surfaces	Α		
	Concrete Tilting / Settlement	Α		
	Concrete Foundations	Α		
	Security Fencing	N		
	Closure Structures	N		
	Trash Rakes	N		
	Other Metallic Items	N		
	Monolith Joints	N		
	Safety	Α		
	Operation & Maintenance Manual	Α		

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### **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Butte County Department of Public Works**

Structure	
Big Chico Creek Diversion Structure	

Structure Rating	Α
Date of Inspection	7/9/2019
DWR Inspector	Sterling York
Accompanied By	

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ма	Location *		
Category	- 11 - 1 - 1 - 1	& Concrete I	_ined	GPS La	atitud	e/Longitude
Calegory	Channels			Start		End
Item	Photo Do	cumentation		39.7618	44 °	39.761844
item				-121.7925	59°	-121.792559
DWR ID DWR_NA0003_35_t _ 2012_1						
		Action/	Comme	nts		

			A.
	W. Agr.		
			1
	A 35 A	Maria	1
		07.00	2010
	1000		1 12

Photo 1 of 4: ST\_2019\_NA0003\_35\_1\_20190718\_00023.jpg

This is a view looking across the structure from the right bank, 2019.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4: ST\_2019\_NA0003\_35\_1\_20190718\_00024.jpg



This is a view looking across the structure from the left bank, 2019.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the structure from upstream right bank, 2019.

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Location LS: Land Side WS: Water Side

Monday, August 26, 2019 14:23

A : Acceptable : Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

**FINAL DATA** 

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		1 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Category		s & Concrete I	_ined	GPS La	atitud	e/Longitude
Category	Channels			Start		End
Item	Photo Do	cumentation		39.7618	844°	39.761844 °
item				-121.7925	559°	-121.792559°
DWR ID	DWR_NA0	003_35_t _ 201	2_1			
		Action/	Comme	nts		



View of the structure from downstream right bank, 2019.

LM Start	0.00	Rating **	Α	Issue No.		2		
LM End	0.00	Issue Type +	Ma	Location *				
Catagony	Category Structures & Concrete Lined Channels			GPS La	le/Longitude			
Calegory				Start		End		
Item	Vegetatio	n & Obstructio	ons	39.7618	44 °	39.761844°		
item				-121.7925	59°	-121.792559°		
DWR ID	DWR_NA0	003_35_t _ 201	2_2			·		
	A :1 (0							

#### Action/Comments

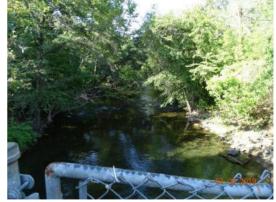
Inspector Comments: Minimal vegetation, the flow does not appear to be impeded.

LM Start	0.00	Rating **	Α	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View looking upstream at the vegetation, 2019.

Photo 2 of 2: ST\_2019\_NA0003\_35\_2\_20190718\_00028.jpg



View looking downstream at the vegetation, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

aintain En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	3			
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels	Start		End				
Item	Shoaling /	Sedimentation	on	39.76184	4 °	39.761844°		
пеш			-121.79255	9°	-121.792559 °			
DWR ID	DWR_NA0003_35_t _ 2012_3							
Action/Comments								

Inspector Comments: No shoaling or sedimentation observed, 2019.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 39.761844° 39.761844° Item -121.792559° -121.792559 ° DWR ID DWR NA0003 35 t 2012 4

Action/Comments

Inspector Comments: No erosion observed.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Lat	tud	e/Longitude
Calegory	Channels	Channels		Start		End
Item	Revetmer	Revetments		39.76184	4 °	39.761844°
пеш					9°	-121.792559°
DWR ID	DWR_NA0	003_35_t _ 201	2_5			

Action/Comments

Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.



View of revetment on the upstream side of the structure right bank, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Category Channels					End
ltom	Revetmer	nts		39.7618	44 °	39.761844°
пеш	Item				59°	-121.792559°
DWR ID DWR_NA0003_35_t _ 2012_5						
Action/Comments						

Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.

LM Start	0.00	Rating **	Α	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of revetment on the upstream side of the structure left bank, 2019.

Photo 3 of 4: ST\_2019\_NA0003\_35\_5\_20190718\_00032.jpg



View of revetment on the downstream side of the structure right bank, 2019.

LM Start	0.00	Rating **	Α	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of revetment on the downstream side of the structure left bank, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\* Rating

A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

n En : Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Calegory	Category Channels		Start		End		
Item	Encroach	ments		39.7618	44°	39.761844	0
пеш			-121.7925	59°	-121.792559	0	
DWR ID	DWR_NA0	003_35_t _ 201	2_6				
			_				

Action/Comments

Inspector Comments: No encroachment present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		7
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude		
Category Channels			Start End		End	
Item	Culverts:	Inlets / Outlets	3	39.7618	44 °	39.761844°
пеш				-121.7925	59°	-121.792559 °
DWR ID	DWR_NA0	003_35_t _ 201	2_7			

#### Action/Comments

Inspector Comments: The culverts appear to be in good condition.



View of the outlets of the structure, both inlets and outlets are in good condition, 2019.

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Culverts: Breaks / Holes /			39.7618	44°	39.761844	0
пеш	Cracks	Cracks			59°	-121.792559	0
DWR ID	DWR_NA0	DWR_NA0003_35_t _ 2012_8			·		
Action/Comments							

Inspector Comments: The culverts appear to be in good condition.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ма	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End	
Item	Metal Pipe	es		39.76184	4 °	39.761844	0
item				-121.79255	9°	-121.792559	0
DWR ID	DWR_NA0003_35_t _ 2012_9						
	A ation/Commonts						

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 10 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 39.761844° 39.761844° Item -121.792559° -121.792559 ° DWR ID DWR\_NA0003\_35\_t \_ 2012\_10

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Channels			Start		End		
Item	Flap Gate	Flap Gates			4 °	39.761844°	
пеш				-121.79255	9°	-121.792559°	
DWR ID	DWR_NA0003_35_t _ 2012_11					·	
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels	Channels				End	
Itom	Sluice/Slic	Sluice/Slide Gates		39.76184	4 °	39.761844°	
Item				-121.79255	9°	-121.792559°	
DWR ID	DWR_NA0003_35_t _ 2012_12					·	
Action/Comments							

Inspector Comments: Gate appears to be in good condition, debris in front of gates should be removed but currently is not impeding the flows, 2019.

LM Start	0.00	Rating **	Α	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of slide gates, 2019.

Photo 2 of 2: ST\_2019\_NA0003\_35\_12\_20190718\_00035.jpg



Closer view of the slide gates. Minimal debris at gate does not appear to be obstructing flows but needs to be removed, 2019.

LM Start	0.00	Rating **	N	Issue No. 13			
LM End	0.00	Issue Type +	Ma	Location *			
Category		& Concrete I	_ined	GPS La	atitud	le/Longitude	
Category	Channels			Start		End	
Item	Electric Gate Operators			39.7618	44 °	39.761844	0
item				-121.7925	59°	-121.792559	٥
DWR ID	DWR_NA0003_35_t _ 2012_13						
		Action/	Comme	nts			
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

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#### Flood Control Project Maintenance Levee Inspections

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	<b>0.00</b> Rating ** A			Issue No.	14		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Manual Gate Operators			39.7618	44 °	39.761844°	
item				-121.7925	59°	-121.792559 °	
DWR ID	DWR_NA0003_35_t _ 2012_14						
Action/Comments							

Inspector Comments: Manual gate operators appear to be in good working condition. They show no damage and there is evidence of being greased and maintained. Unable to test screw gates, 2019.

LM Start	0.00	Rating **	Α	Issue No.	14 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of manual gate operators, 2019.

Photo 2 of 2: ST\_2019\_NA0003\_35\_14\_20190718\_00038.jpg



Closer view of manual gate operator, 2019.

							_
LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End	
Item	Concrete	Surfaces		39.7618	44°	39.761844	c
				-121.792559 °		-121.792559	
DWR ID	DWR_NA0	003_35_t _ 201	2_15				
		Action/	Comme	nts			
Inspector (condition.	Comments	: The concret	e surface	e appears to	o be	in good	

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

### + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ма	Location *			
Catagory	Structures & Concrete Lined Channels			d GPS Latitude/Longitude			
Calegory				Start		End	
Item	Concrete	Tilting / Settle	ment	39.76184	4 °	39.761844	
пеш	item				9°	-121.792559	
DWR ID DWR_NA0003_35_t _ 2012_16							
		A ation/	Camma	nto			

Action/Comments

Inspector Comments: No tilting, sliding or settlement observed.

LM Start	0.00	Rating **	Α	Issue No.		17		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Category Channels					End		
Item	Concrete	Foundations		39.7618	44 °	39.761844	0	
пеш		-121.7925	59°	-121.792559	0			
DWR ID DWR_NA0003_35_t _ 2012_17								
A stian /Commants								

Action/Comments

Inspector Comments: The concrete foundations appear in good condition.

LM Start	0.00	Rating **	N	Issue No.		18	
LM End	0.00	Issue Type +	Ma	Location *			
Category	GPS Latitude/Longitude						
Channels				Start Er		End	
Item	Security Fencing				44°	39.761844	0
item				-121.7925	59°	-121.792559	0
DWR ID DWR_NA0003_35_t _ 2012_18							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		19	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined Channels			GPS La	tituc	le/Longitude	
Calegory				Start		End	
ltom	Closure S	tructures		39.76184	4°	39.761844	۰
пеш	Item				9°	-121.792559	0
DWR ID DWR_NA0003_35_t _ 2012_19							
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

Issue No. LM Start 0.00 Rating \*\* Ν 20 Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 39.761844° 39.761844° Item -121.792559° -121.792559 ° DWR NA0003 35 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Issue No. Rating \*\* LM Start 0.00 21 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 39.761844° 39.761844° Item -121.792559° -121.792559 ° DWR\_NA0003\_35\_t \_ 2012\_21 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Monolith Joints			39.76184	۱4°	39.761844°	
пеш				-121.7925	9°	-121.792559 °	
DWR ID DWR_NA0003_35_t _ 2012_22							
	Action/Comments						

Inspector Comments: Monolith joints appear to be in good condition.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		23		
LM End	0.00	Issue Type +	Ma	Location *				
Category		Structures & Concrete Lined			d GPS Latitude/Longitude			
Calegory	Channels		Channels			Start		End
Item	Safety			39.7618	44 °	39.761844°		
пеш					59°	-121.792559 °		
DWR ID	DWR_NA0	003_35_t _ 201	2_23					

#### Action/Comments

Inspector Comments: There are hand rails installed for fall protection safety, 2019.



View of safety handrails on structure of the downstream side, 2019.

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined				tituc	le/Longitude	
Calegory	Channels			Start		End	
Item		& Maintenan	се	39.76184	4°	39.761844	0
пеш	Manual		-121.79255	9°	-121.792559	0	
DWR ID DWR_NA0003_35_t _ 2013_24							
	Action/Comments						

Action/Comments

Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

### **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Butte County Department of Public Works**

Structure	
Lindo Channel Control Structure	

Structure Rating	Α
Date of Inspection	7/10/2019
DWR Inspector	Sterling York
Accompanied By	

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Category	Channels	Start		End		
Photo Documentation			39.7615	41 °	39.761541°	
item				-121.7972	36°	-121.797236°
DWR ID	DWR_NA0	2_1				
Action/Comments						

	39.761541	Ŭ	39.761541	Ŭ
	-121.797236	0	-121.797236	0
2_1				
/Commer	nts			

Photo 1 of 4 : ST	_2019_NA0	003_48_1_20	190718_000	19.jpg
A Comment			3	
			A water	
			1	74
			07 09 2011	
	THE RESERVE OF THE PARTY OF THE		THE REAL PROPERTY OF THE PARTY	NAME OF TAXABLE PARTY.

View of the structure from bike path looking north, 2019.

LM Start 0.00 Rating \*\* Issue No. 1 (cont) Location \* LM End 0.00 Issue Type + Ma

Photo 2 of 4: ST\_2019\_NA0003\_48\_1\_20190718\_00020.jpg



View of the structure from bike path looking south, 2019. Photo 3 of 4: ST\_2019\_NA0003\_48\_1\_20190718\_00021.jpg

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of structure looking upstream, 2019.

Location LS: Land Side WS: Water Side

A: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	_ined	GPS La	atitud	e/Longitude
Calegory	Channels			Start		End
Photo Documentation		39.7615	41°	39.761541 °		
пеш			-121.797236 °		-121.797236 °	
DWR ID	VR ID DWR_NA0003_48_t _ 2012_1					
		Action/	Comme	nts		



View of structure looking downstream, 2019.

LM End         0.00         Issue Type +         Ma         Location *           Category           Structures & Concrete Lined Channels         GPS Latitude/Longitude           Start         End           Vegetation & Obstructions         39.761541 °         39.761541	LM Start	0.00	0.00 Rating ** A				2	
Category Channels Start End  Vegetation & Obstructions 39.761541 39.761541	LM End	0.00	0.00 Issue Type + Ma					
Vegetation & Obstructions 39.761541 39.76154	Cotogony			GPS Latitude/Longitude				
Vegetation & Obstructions 39.761541 ° 39.76154					Start		End	
	ltom	Vegetation & Obstructions			39.7615	41 °	39.761541	0
	item					36°	-121.797236	0
DWR ID DWR_NA0003_48_t _ 2012_2	DWR ID	DWR_NA0	003_48_t _ 201	2_2				

#### Action/Comments

Inspector Comments: There is minimal vegetation downstream, with more grasses and some trees upstream, however the flow is not likely to be impeded, 2019.

LM Start	0.00	Rating **	Α	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View of the vegetation looking upstream from the structure, 2019.

Photo 2 of 2 : ST\_2019\_NA0003\_48\_2\_20190718\_00024.jpg



View of the vegetation looking downstream from the structure, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

or & Maintain En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating ** A Issue No. 3			3		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Shoaling / Sedimentation			39.76154°	°	39.761541	0
item				-121.797236	°	-121.797236	0
DWR ID	DWR_NA0	003_48_t _ 201	2_3				
		A .: /	_				

Action/Comments

Inspector Comments: No shoaling or sedimentation was observed at structure, 2019.

No Photos

Rating \*\* Issue No. LM Start 0.00 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 39.761541° 39.761541° Item -121.797236° -121.797236 DWR NA0003 48 t 2012 4 DWR ID Action/Comments

Inspector Comments: No erosion was observed.

No Photos

LM Start	<b>0.00</b> Rating ** A			Issue No.		5	
LM End	0.00 Issue Type + Ma			Location *			
Category	Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End	
Item	Revetmer	nts		39.7615	41 °	39.761541	0
item				-121.7972	36°	-121.797236	0
DWR ID	DWR_NA0	003_48_t _ 201	2_5				

Action/Comments

Inspector Comments: Riprap is visible and appears to be properly maintained.



View from the right bank of the revetment at the outlet of the structure, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	6			
LM End	0.00	Issue Type +	Ма	Location *				
Catagony	Category Structures & Concrete Lined Channels		GPS Lati	tud	e/Longitude			
Calegory			Start		End			
Item	Encroach	ments		39.76154	0	39.761541	0	
пеш				-121.797236	°	-121.797236	0	
DWR ID	DWR_NA0	003_48_t _ 201	2_6					
	A = 1' = = 10 = = = = = 1							

Action/Comments Inspector Comments: No encroachments were observed. No Photos

LM Start	0.00	Rating **	Α	Issue No.		7
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	titud	e/Longitude	
Calegory	Channels Channels		Start		End	
Item	Culverts:	Inlets / Outlets	5	39.76154	۱1°	39.761541 °
пеш	em		-121.79723	86 °	-121.797236 °	
DWR ID	DWR_NA0	003_48_t _ 201	2_7			

#### Action/Comments

Inspector Comments: The culverts appear to be in good condition, the flow does not appear to be impeded.

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	Sec.			200	
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Photo 1 of 2: ST\_2019\_NA0003\_48\_7\_20190718\_00026.jpg

View of the box culvert/outlet, 2019.

LM Start	0.00	Rating **	Α	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ма	Location *	

Photo 2 of 2: ST\_2019\_NA0003\_48\_7\_20190718\_00027.jpg



View of the box culvert/inlet, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			Structures & Concrete Lined GPS Latitude/Longi			le/Longitude	
Calegory	Channels			Start		End	
Item		Breaks / Hole	s/	39.76154	11°	39.761541 °	
Cracks			-121.79723	86 °	-121.797236°		
DWR ID DWR_NA0003_48_t _ 2012_8							
Action/Comments							

Inspector Comments: The culverts appear to be in good condition.

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 39.761541° 39.761541° Item -121.797236° -121.797236 DWR NA0003 48 t 2012 9 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

Issue No. Rating \*\* LM Start 0.00 10 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 39.761541° 39.761541 ° Item -121.797236° -121.797236 DWR\_NA0003\_48\_t \_ 2012\_10 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		11
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	Flap Gate	S		39.76154	1°	39.761541°
пеш				-121.79723	6°	-121.797236 °
DWR ID	DWR_NA0	003_48_t _ 201	2_11			
			_			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Category Channels				Start		End
Item	Sluice/Slic	de Gates		39.7615	41 °	39.761541 °
item			-121.7972	36°	-121.797236°	
DWR ID	DWR_NA0	003_48_t _ 201	2_12			·

#### Action/Comments

Inspector Comments: Gates appear to be in good condition, 2019.



View of slide gates, 2019.

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	atitud	le/Longitude		
Category Channels		Start		End			
Item	Electric G	ate Operators	;	39.7615	41 °	39.761541	0
пеш		-121.7972	36°	-121.797236	0		
DWR ID	DWR_NA0	003_48_t _ 201	2_13				
		Action/	Commo	nte			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

M: Minimally Acceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		14			
LM End	0.00	Issue Type +	Ma	Location *					
Category	Structures & Concrete Lined			Structures & Concrete Lined			GPS La	atitud	le/Longitude
Calegory	Channels	Channels				End			
Item	Manual G	ate Operators	1	39.7615	41 °	39.761541°			
пеш				-121.7972	36 °	-121.797236°			
DWR ID DWR_NA0003_48_t _ 2012_14									
Action/Comments									

Inspector Comments: Manual gate operators show no sign of damage and are greased and appear to be in good condition, 2019.



View looking north. Manual gate operators are greased and appear to be in good condition, 2019.

LM Start	0.00	Rating **	Α	Issue No.	14 (cont)
I M End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST\_2019\_NA0003\_48\_14\_20190718\_00030.jpg



Closer view looking at manual gate operators that are greased and appear to be in good condition, 2019.

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			ed GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Concrete	Surfaces		39.7615	41 °	39.761541	0
пеш			-121.7972	36°	-121.797236	0	
DWR ID	WR ID DWR_NA0003_48_t _ 2012_15						
		Action/	Comme	nts			

Inspector Comments: The concrete surface appears to be in good condition.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		16		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Concrete	Tilting / Settle	ment	39.7615	41 °	39.761541	0	
пеш					36°	-121.797236	0	
DWR ID	DWR_NA0	003_48_t _ 201	2_16					
	A :: 10							

Action/Comments

Inspector Comments: No areas of tilting, sliding or settlement were observed, 2019.

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 17 Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 39.761541° 39.761541° Item -121.797236° -121.797236 DWR ID DWR NA0003 48 t 2012 17

Action/Comments

Inspector Comments: The concrete foundation appears to be in good condition.

No Photos

Issue No. Rating \*\* LM Start 0.00 18 0.00 Issue Type + Location \* I M End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Security Fencing 39.761541° 39.761541 ° Item -121.797236° -121.797236 DWR ID DWR\_NA0003\_48\_t \_ 2012\_18 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		19	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS Lat	ituc	le/Longitude	
Calegory	Channels	Channels				End	
Item	Closure S	tructures		39.76154	1°	39.761541	0
пеш					6°	-121.797236	0
DWR ID	DWR_NA0	VR_NA0003_48_t _ 2012_19					
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		20		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Trash Ral	ces		39.76154	1°	39.761541 °		
пеш					6°	-121.797236 °		
DWR ID	DWR_NA0	003_48_t _ 201	2_20					
	A - 1' 1'O 1 -							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	21		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels		Start		End		
Item	Other Met	allic Items		39.7615	41 °	39.761541 °	
item				-121.7972	36°	-121.797236 °	
DWR ID	ID DWR_NA0003_48_t _ 2012_21						
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		22
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	Channels				End
Item	Monolith .	Joints		39.76154	1°	39.761541 °
пеш					3°	-121.797236 °
DWR ID	DWR_NA0	003_48_t _ 201	2_22			
		A .: /	_			

Action/Comments

Inspector Comments: Monolith joints appear to be in good condition.

Photo 1 of 4: ST\_2019\_NA0003\_48\_23\_20190718\_00031.jpg

No Photos



View of the downstream side safety fence, 2019.



View of the upstream side safety fence, 2019.

Rating \*\* Issue No. LM Start 0.00 23 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Safety 39.761541° 39.761541 ° Item -121.797236° -121.797236 DWR ID DWR\_NA0003\_48\_t \_ 2012\_23

Action/Comments

Inspector Comments: Safety rail and fence is installed. Chain-link safety fence that ties to safety rail on both downstream sides have been pulled back and needs to be repaired, 2019.

LM Start	0.00	Rating **	М	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	М	Issue No.	23 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitud		
Category	Channels	Channels		Start		End
Item	Safety		39.76154	11 °	39.761541°	
item					36 °	-121.797236°
DWR ID DWR_NA0003_48_t _ 2012_23						
Action/Comments						

Inspector Comments: Safety rail and fence is installed. Chain-link safety fence that ties to safety rail on both downstream sides have been pulled back and needs to be repaired, 2019.

LM Start	0.00	Rating **	М	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of left bank chain-link safety fence that ties to safety rail on both downstream sides have been pulled back, 2019.

Photo 4 of 4: ST\_2019\_NA0003\_48\_23\_20190718\_00034.jpg



View of right bank chain-link safety fence that ties to safety rail on both downstream sides have been pulled back, 2019.

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item		eration & Maintenance		39.76154	0	39.761541	0
пеш	Manual			-121.797236	°	-121.797236	٥
DWR ID DWR_NA0003_48_t _ 2013_24							

Action/Comments

Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\* Rating

A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Butte County Department of Public Works**

Structure	
Lindo Channel Diversion Weir	

Structure Rating	Α
Date of Inspection	7/10/2019
DWR Inspector	Sterling York
Accompanied By	

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Photo Do	Photo Documentation			05°	39.762405°
item			-121.7973	17°	-121.797317 °	
DWR ID	DWR_NA0	003_8_t _ 2012	_1			
		Action/	Comme	nts		

Photo 1 of 4 : ST_2019_NA0003_8_1_20190716_00017.jpg
07-08:3010

View of overall weir looking north, 2019.

 LM Start
 0.00
 Rating \*\*
 N
 Issue No.
 1 (cont)

 LM End
 0.00
 Issue Type +
 Ma
 Location \*

Photo 2 of 4: ST\_2019\_NA0003\_8\_1\_20190716\_00018.jpg



View of weir looking south, 2019.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of weir looking downstream, 2018.

\* Location LS: Land Side WS: Water Side CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		1 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	atitud	e/Longitude	
Category	Channels			Start		End
Item	Photo Do	cumentation		39.7624	05°	39.762405°
пеш				-121.7973	817°	-121.797317 °
DWR ID	DWR_NA0	003_8_t _ 2012	_1			
		Action/	Comme	nts		



Closer view of the weir looking downstream, 2018.

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	39.7624	05°	39.762405°	
пеш				-121.7973	17°	-121.797317°	
DWR ID	DWR_NA0	003_8_t _ 2012	_2				

#### Action/Comments

Inspector Comments: There is vegetation however the flow does not appear to be impeded, 2019.

LM Start	0.00	Rating **	Α	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

## Photo 1 of 2 : ST\_2019\_NA0003\_8\_2\_20190716\_00019.jpg



View of vegetation looking upstream from structure, 2019.

Photo 2 of 2: ST\_2019\_NA0003\_8\_2\_20190716\_00020.jpg



View of vegetation looking downstream towards structure, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	3	
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni		s & Concrete I	GPS La	titude/Longitude		
Calegory	Channels			Start		End
Item	Shoaling /	Sedimentation	n	39.76240	)5 °	39.762405 °
пеш				-121.79731	7 °	-121.797317 °
DWR ID	DWR_NA0	003_8_t _ 2012	_3			
			_			

Action/Comments

Inspector Comments: No shoaling or sedimentation was observed, 2019.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 39.762405° 39.762405° Item -121.797317° -121.797317 ° DWR NA0003 8 t 2012 4 DWR ID

Action/Comments

Inspector Comments: No erosion was observed, 2019.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End		
Item	Revetmer	nts		39.7624	05°	39.762405	٥
пеш				-121.7973	17°	-121.797317	٥
DWR ID	DWR_NA0	003_8_t _ 2012	_5				
	Action/Comments						

Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.

Photo 1 of 2: ST\_2019\_NA0003\_8\_5\_20190701\_00009.jpg



View of revetment, downstream of the left bank buttress.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels	Channels		Start		End	
Item	Revetmer	nts		39.7624	05°	39.762405 °	
пеш			-121.7973	17°	-121.797317 °		
DWR ID	DWR_NA0	003_8_t _ 2012	_5				
	Action/Comments						

Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.

# Photo 2 of 2: ST\_2019\_NA0003\_8\_5\_20190701\_00010.jpg



View of revetment, downstream of the right bank buttress.

LM Start	<b>0.00</b> Rating ** M		Issue No.		6	
LM End	0.00	Issue Type + Ma		Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Encroach	ments		39.7624	05°	39.762405°
item			-121.7973	17°	-121.797317°	
DWR ID	DWR_NA0	003_8_t _ 2012	_6			

#### Action/Comments

Inspector Comments: Stump and wood debris encroaching in weir needs to be removed, 2019.



View of wood debris caught in the weir, 2019.

LM Start	0.00	Rating **	N	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	_ined	GPS La	atitud	le/Longitude	
Category	Channels			Start		End	
Item	Culverts:	Inlets / Outlets	3	39.7624	05°	39.762405	٥
пеш				-121.7973	17°	-121.797317	٥
DWR ID	DWR_NA0	003_8_t _ 2012	_7				
		Action/	Comme	nts			

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	atitud	le/Longitude	
Calegory	Channels	Channels		Start		End	
Item		Breaks / Hole	s/	39.7624	05 °	39.762405	0
пеш	Cracks			-121.7973	17°	-121.797317	0
DWR ID	DWR_NA0	003_8_t _ 2013	_8				
		A ation /	Commo	oto			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Metal Pipes 39.762405° 39.762405° Item -121.797317° -121.797317 ° DWR NA0003 8 t 2012 9 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 10 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Racks 39.762405° 39.762405 ° Item -121.797317° -121.797317 ° DWR ID DWR\_NA0003\_8\_t \_ 2012\_10 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

### **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Ν	Issue No.	11		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start Er		End	
Item	Flap Gate	s		39.76240	)5 °	39.762405 °	
пеш				-121.7973 <sup>-</sup>	17°	-121.797317 °	
DWR ID	DWR_NA0	003_8_t _ 2012	_11				
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν 12 Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Sluice/Slide Gates 39.762405° 39.762405° Item -121.797317° -121.797317 ° DWR\_NA0003\_8\_t \_ 2012\_12 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 13 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Electric Gate Operators 39.762405° 39.762405 ° Item -121.797317° -121.797317 ° DWR ID DWR\_NA0003\_8\_t \_ 2012\_13 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	_ined	GPS La	atitud	e/Longitude	
Calegory	Channels			Start		End	
Item	Manual G	ate Operators		39.7624	05°	39.762405	0
пеш				-121.7973	17°	-121.797317	0
DWR ID	DWR_NA0	003_8_t _ 2012	_14				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ma	Location *			
Category	- 11 - 1 - 1 - 1	& Concrete I	_ined	GPS La	atitud	e/Longitude	
Calegory	Channels		Start		End		
Item	Concrete	Surfaces		39.7624	05 °	39.762405	0
iteiii				-121.7973	17°	-121.797317	0
DWR ID	DWR_NA0	003_8_t _ 2012	_15				

#### Action/Comments

Inspector Comments: Concrete surface appears to be in good condition, 2019.

LM Start	0.00	Rating **	Α	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2: ST\_2019\_NA0003\_8\_15\_20190716\_00022.jpg



View of the concrete surfaces and left abutment, 2019.

Photo 2 of 2: ST\_2019\_NA0003\_8\_15\_20190716\_00023.jpg



View of the concrete surfaces and right abutment, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

in En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined		GPS Latitude/Longitude		e/Longitude		
Calegory	Channels	els Start			End		
Item	Concrete	Tilting / Settle	ment	39.7624	05°	39.762405	0
пеш	-121.797317 °		17°	-121.797317	0		
DWR ID	DWR_NA0	003_8_t _ 2012	_16				
		۸ ،	_				

Action/Comments

Inspector Comments: There are no areas of tilting, sliding or settlement observed.

No Photos

No Photos

LM Start	0.00	Rating **	Α	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		
Category		s & Concrete I	_ined	GPS La	atitud	le/Longitude
Calegory	Channels		Start		End	
Item	Concrete	Foundations		39.7624	05°	39.762405 °
пеш				-121.7973	17°	-121.797317 °
DWR ID	DWR_NA0	003_8_t _ 2012	_17			

Action/Comments

Inspector Comments: The concrete foundation appears in to be good condition, 2019.

LM Start	0.00	Rating **	N	Issue No.		18
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start			End
Item	Security F	encing		39.7624	05°	39.762405 °
пеш				-121.7973	17°	-121.797317 °
DWR ID	DWR_NA0	003_8_t _ 2012	_18		·	
	Action/Comments					

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		19	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Closure S	tructures		39.7624	05°	39.762405	0
пеш				-121.7973	17°	-121.797317	0
DWR ID	DWR_NA0	003_8_t _ 2012	_19				
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν 20 Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Rakes 39.762405° 39.762405° Item -121.797317° -121.797317 ° DWR NA0003 8 t 2012 20 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 21 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Other Metallic Items 39.762405° 39.762405 ° Item -121.797317° -121.797317 ° DWR ID DWR\_NA0003\_8\_t \_ 2012\_21 Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		22	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Monolith Joints			39.76240	)5 °	39.762405 °		
item				-121.7973°	17°	-121.797317°	
DWR ID	DWR_NA0	003_8_t _ 2012	_22				
A 11 10							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		23		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			_ined	GPS Latitude/Longitude				
Category	Channels			Start		End		
Item	Safety			39.7624	05 °	39.762405°		
пеш				-121.7973	17°	-121.797317°		
DWR ID	DWR_NA0	003_8_t _ 2012	_23					

#### Action/Comments

Inspector Comments: Fences are installed around the abutments for fall protection and are in good condition, 2019.

Photo 1 of 2: ST_2019_NA0003_8_23_20190716_00024.jp	g
67 97 2019	

View of safety fence around the left bank buttress, 2019.

LM Start	0.00	Rating **	Α	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST\_2019\_NA0003\_8\_23\_20190716\_00026.jpg



View of safety fence around the right bank buttress, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

M: Minimally Acceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

## **Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	24		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Operation & Maintenance Manual			39.7624	05°	39.762405	0
пеш				-121.7973	17°	-121.797317	0
DWR ID	DWR_NA0003_8_t _ 2013_24						
Action/Comments							

Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement